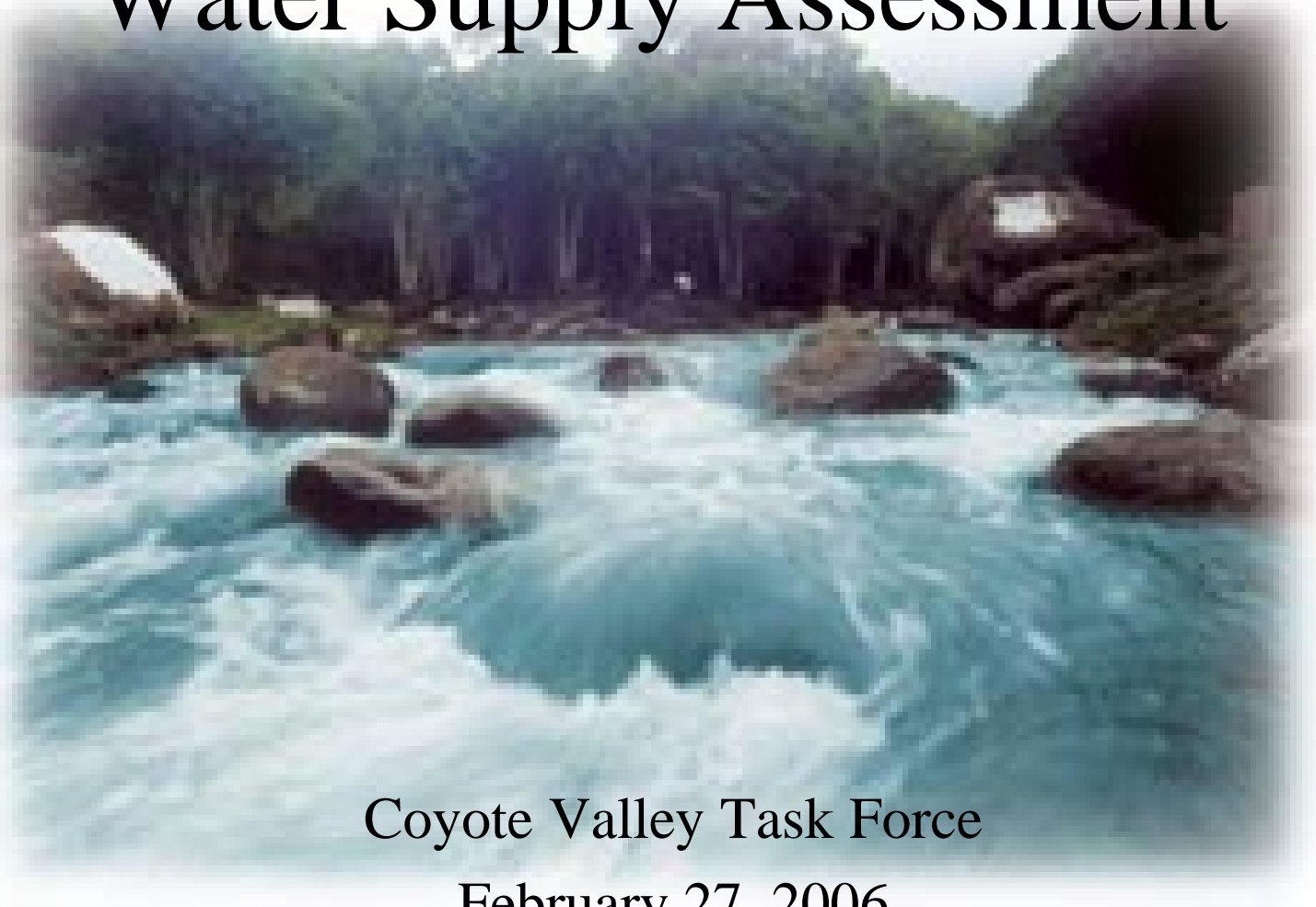


Coyote Valley Specific Plan Water Supply Assessment



Coyote Valley Task Force
February 27, 2006

Coyote Valley Specific Plan

Vision and Expected Outcomes

4. The overall development character of North and Central Coyote Valley should be very urban, pedestrian and transit-oriented community with a mixture of housing densities, supportive businesses and services and campus industrial uses.
10. The identification of financing measures for the needed capital improvements to support the planned levels of development.
11. The plan must be financially feasible for private development.
13. The Task Force should review the potential to utilize “sub-regions” of the valley that will incorporate jobs and housing that can move forward when the sub-region has ability to finance the *appropriate infrastructure...*



Water Supply Assessments

- SB 610 & SB 221 became effective January 2002
- Purpose is to improve linkage between available water supply & local land use decisions
- SB 610 applies to General Plan & Specific Plan updates, SB 221 applies to approval of residential subdivisions
- Promote more collaborative planning between local water suppliers/wholesalers and local jurisdictions
- Requires detailed water availability information be provided to City decision-makers prior to project approval
- Include information and findings in CEQA



Coyote Valley Specific Plan

Water Supply Assessment

Purpose: Is the projected water supply sufficient or insufficient for the CVSP?

- CVSP is a “project” subject to SB610
- SCVWD is the local water wholesaler
- City is collaborating with SCVWD to prepare a neutral assessment
- Competing water retailers for Coyote (Great Oaks Water & San Jose Municipal Water)



Water Management Plans

- Urban Water Management Plans (UWMP) are state mandated 20-year water supply plan, updated every 5 years
- UWMPs are the foundation for assessments
- City of San Jose UWMP (2005)
- Great Oaks Water Company, UWMP (2005)
- SCVWD UWMP (2005)



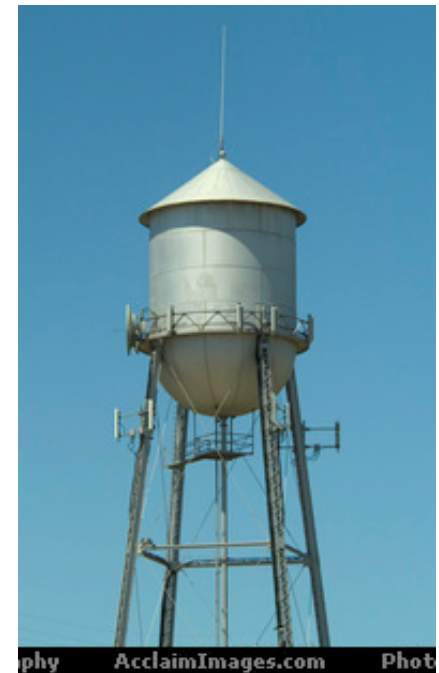
Santa Clara Valley Water District's Role

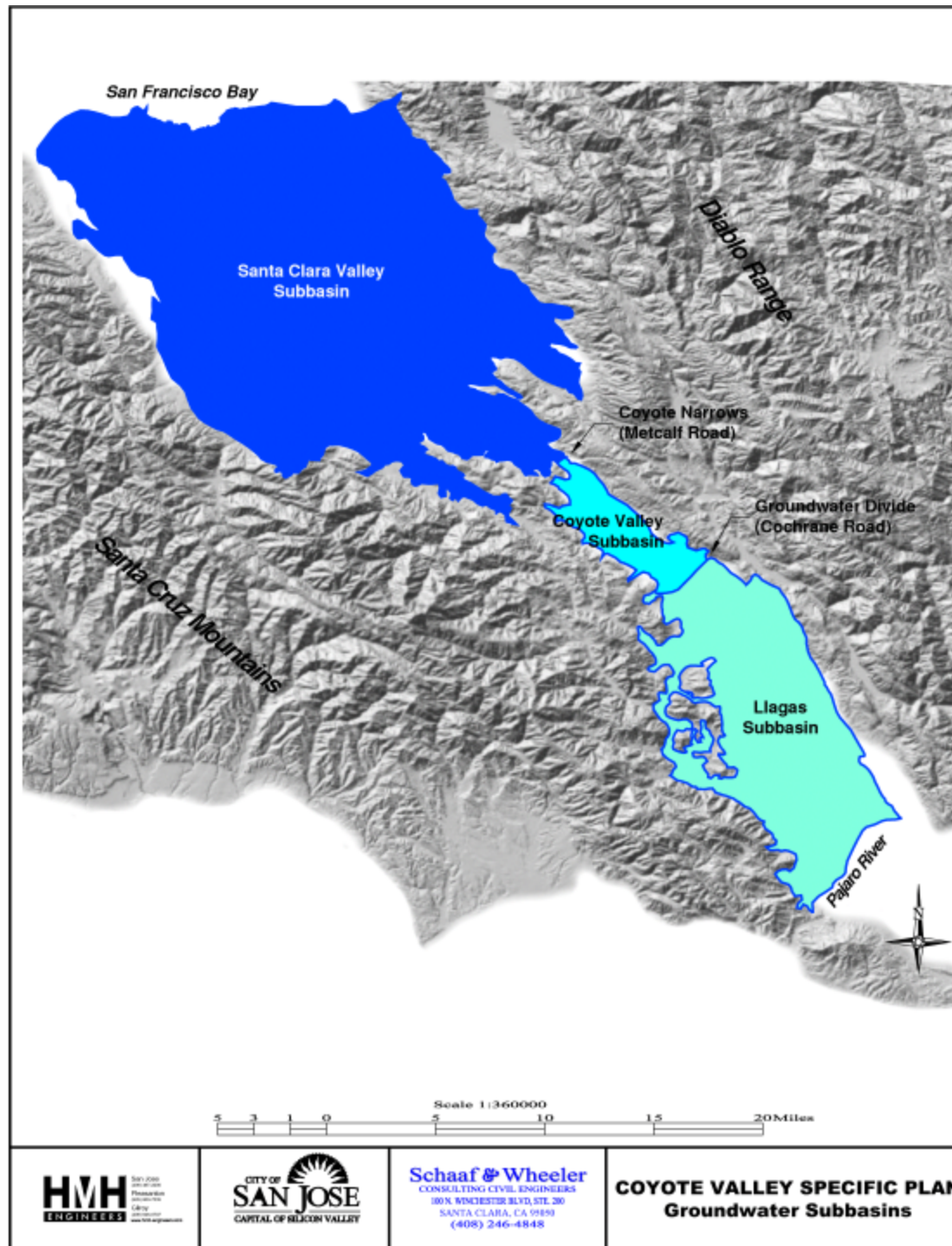
- SCVWD acts as CEQA “Responsible Agency” for certain aspects of the Coyote Valley Specific Plan (i.e., operation of the water supplies facilities system)
- SCVWD manages the Coyote Valley groundwater sub-basin
- SCVWD is the primary wholesaler for the water supply in Santa Clara County
- SCVWD participates in selecting a preferred alternative for water supply to ensure consistency with the long-term planning goals for the County



Santa Clara Valley Water District Goals/Guiding Principles for the CVSP

- To ensure that a reliable supply of high-quality water is provided to the residents and businesses within the Coyote Valley Specific Plan area and the rest of Santa Clara County
- To aggressively protect groundwater resources from contamination and the threat of contamination . The Coyote Valley sub-basin is shallow and sensitive to contamination. Extra measures must be taken to insure groundwater protection.





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COYOTE VALLEY SPECIFIC PLAN
Groundwater Subbasins

Existing & Projected Coyote Valley Supply Sources vs. Demand Sectors

Supply

- Groundwater
- Local surface water
- Imported water
- Recycled water
- Conservation

Demand

- Existing uses
- Planned future uses
- SF/MF residential uses
- Commercial/Industrial
- Institutional/Government uses
- Landscaping & Irrigation
- Groundwater recharge



Preliminary Findings

- Feasible & reliable water supply is available for CVSP development build out
- Acquire additional water supplies to meet projected future demands
- Utilize a combination of supply sources consistent with the long-term County needs
- Maintain CVSP supply flexibility for long term build-out and changing conditions
- Manage and monitor water supply



Water Supply Sources

- Ground Water
 - Extraction from Coyote Sub-basin/additional recharge facilities needed
 - Extraction from Santa Clara Sub-basin/with mitigation
- Recycled Water
 - Expansion of fully advanced treated recycled water for potable and non-potable use
- Water conservation - aggressive implementation
- Surface water utilization – facilities expansion



Water Conservation Implementation

- Install interior and exterior dual plumbing for recycled water use
- Use high-efficiency indoor fixtures and high-efficiency devices for outdoor water use
- Meter or sub-meter for each individual unit
- Enforce the City's Model Efficient Landscape Ordinance
- Promote the use of drought tolerant and native landscaping
- Utilize best available technology and practices



City of San Jose 2020 General Plan

Water Resource Goals & Policies

- The City should encourage more efficient uses of water by promoting water conservation and the use of water-saving devices.
- The City should promote the use of reclaimed water when feasible, particularly for industrial users, for irrigation and in groundwater recharge areas.
- Water resources should be utilized in a manner which does not deplete the supply of surface or groundwater, and efforts to conserve and reclaim water supplies, both local and imported, should be encouraged.
- The City should protect groundwater recharge areas, particularly creeks and riparian corridors.
- When new development is proposed, the potential for surface water and groundwater contamination should be assessed and appropriate preventative measures should be recommended



WSA Next Steps

- Continued coordination with the SCVWD
- Review by the SCVWD Board of Directors
- Adoption of WSA by the San Jose City Council
- Incorporation of analysis and findings in the CVSP DEIR
- Incorporate appropriate water supply in the CVSP

